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1336319 (95.04.26) A62D 1/00 1336319 (95.04.26) A62D 1/00 1336319 (95.04.26) A62D 1/00 136319 (95.04.26) A62D 1/00 14 Segret for use as dry powder or additive in water gen-forming polymer powder and a substance with ructure and/or a capillary and/or fibrous structure AT CH DE ES FR GB IT LI NL.) UECKNER M (10.20) 94EP-116531 UR agent (D., for use as a dry powder or as an additive mainly (a) hydrogen-forming polymer powders and ha large surface structure and/or a capillary and/or mixed to give a free-flowing material. I is a process for the prodn. of (f). I powder extinguisher for direct application to the sa sa swollen, wet extinguisher obtd. by mixing with consistency, for use in commercial free	BO	A (12.50 13.W(2) K/1 A)
se as ony powder or additive in water solymer powder and a substance with a capillary and/or fibrous structure FR GB IT LI NL.) 531 531 Truse as a dry powder or as an additive drogen-forming polymer powders and use structure and/or a capillary and/or a free-flowing material. or the prodn. of (f). 121 122 123 124 125 126 127 128 129 120 120 120 120 120 120 120	33.10.25 93084336319 (95.04.26) A62D 1/00	
FR GB IT LI NL.) 531 Truse as a dry powder or as an additive function a capillary and or a free-flowing material. or the produ. of (f). 12	so as only powder or additive in water solymer powder and a substance with	extinguisher tanks for use by fire service techniques (claimed). ADYANTAGE
Truse as a dry powder or as an additive drogen-forming polymer powders and toe structure and/or a capillary and/or a free-flowing material. Or the prodn. of (f). Buisher for direct application to the vet extinguisher obtd. by mixing with for use in commercial fire	R GBITLINL)	Provides a fire extinguishing agent which can be used as a dry powder or as an additive in water, without the disadvantages of prior att systems (e.g. lack of cooling effect in foaming agents, delayed swelling and application of the ciner-observator)
	231	CI AIMED PROCESS
ixed to give a free-flowing material. Is a process for the prodn. of (f). Powder extinguisher for direct application to the a swollen, wet extinguisher obtd. by mixing with consistency, for use in commercial fire	6	The produ. of (I) comprises: mixing (b) with the mechanically pulverised, dry, free-flowing super-
is a process for the prodn. of (f). powder extinguisher for direct application to the a swollen, wet extinguisher obtd. by mixing with consistency, for use in commercial fire	ixed to give a free-flowing material.	absorber (a), after or during mixing with any other components; or mixing (b) with crushed, water-conte, naw (a) (ohtd. hy sel
powder extinguisher for direct application to the a swollen, wet extinguisher obtd. by mixing with consistency, for use in commercial fire	is a process for the prodn. of (f).	polymerisation and not yet dried), then drying, grinding and opt.
a swollen, wet extinguisher obtd. by mixing with pRE consistency, for use in commercial fire	powder extinguisher for direct amplication to the	mixing (b) with the monomer soln. for (a), polymerising the mixt. by gel polymerisation, drying, milling and opt. adding other components.
TYPE INTILE OF SE SE ANY OF SOILS AND AND IN THE	a swollen, wet extinguisher obtd. by mixing with consistency, for use in commercial fine	PREFERRED PROCESS Pref., (b) is added to the monomer soln, as above.

	4
PREFERRED COMPOSITION (1) contains 10-80 wt.% (a) and up to 80 wt.% (b), and pref. also a fireproofing agent or fire retardant in amts. up to 10 wt.%.	80°C in the presence of 1.5 g Na di-iso-octylsulphosuccinate, 2 g Genapol OX 130 (RTM), 2.5 g trimethylolpropane triacylate, 0.2 g 2,2°-azobis-amidinopropane,2HCl, 0.6 g K per-disulphate and 0.05 g ascorbic acid.
(a) are crosslinked, hydrogen-forming polymers obtd. by polymerisation of acrylamide and/or acrylic acid and/or a salt thereof in the presence of up to 2 wt. % bis-acrylamido-acetic acid, trimethylolpropane triacrylate and/or tetra-allyloxyethane.	1000 g powdered gel was mixed with 300 g kieselguhr and 20 g Na and/or K silicate and/or ammonium polyphosphate (30% aq. soln.), homogenised in a kneader, dried at above 80°C and ground to give a powder (f). The prod. was very effective as a dry powder extinguisher or as
(b) consists of kieselguhr, wood flour, paper fibres, fibrous or milled cellulose, fibrous or milled plastic, milled plastic foam and/or amorphous hydrophobic silica.	an additive to water, in which it exhibited good swelling properties and formed a homogeneous mixt. without clumping (GW) (8pp1712DwgNo.0/0) SR:EP199897 EP295412 FR2615399 FR2628976 US3366707
(1) may also contain up to 30 (pref. up to 10) wt. % polyglycol, up to 30 (pref. up to 10) wt. % organic adhesive, up to 10 (pref. up to 5) wt. % biodegradable organic wetting agent, up to 5 (pref. up to 1) wt. % biodegradable colouring agent, up to 10 (pref. up to 5) wt. % flow accelerator and up to 10 (pref. up to 6.3) wt. % stabiliser.	US3976580
EXAMPLE A solid polymer gel was prepd. by polymerising Na acrylate (from 240 g acrylic acid, 180 g NaHCO ₃ and 635 g water) at up to	

XP-002297922

(C) WPI/Derwent

AN - 1981-84248D [46]

A -[001] 011 04- 074 075 076 086 231 240 252 398 426 525 532 537 57- 61-62-678 688 720

CPY - SAKB

DC - A97 E35 K01 P35

FS - CPI;GMPI

IC - A62B1/00

KS - 0231 0409 0619 1981 2405 2509 2575 2675 2857

MC - A12-W12 E31-K06 K01-A

M3 - [01] B115 B702 B713 B720 B815 B832 B833 C108 C500 C802 C804 C807 M411 M781 M903 Q441 R023

PA - (SAKB) OTSUKA KAGAKU YAKUHIN KK

PN - JP56125066 A 19811001 DW198146 005pp

PR - JP19800028444 19800305

XIC - A62B-001/00

AB - J56125066 Aqueous fire extinguishing soln. contains condensed ammonium phosphate and pref. water soluble polymer and/or a colourant; The degree of condensation of the condensed ammonium phosphate is pref. 2-60 and it is used in amt. of 5-50 wt.%. The water-soluble polymer is pref. CMC, polyacrylic acid or polyacrylamide. The colourant is pref. water-soluble direct dye. The content of water-soluble polymer is pref. 2-3 wt.% and that of colourant is pref. 0.01-0.03 wt.%.

- Fire can be extinguished using small amt. of the soln. The soln. is less corrosive to extinguisher materials and has low toxicity and causes less pollution than prior art materials.

AW - POLYACRYLAMIDE POLYACRYLIC ACID CMC CARBOXYMETHYL CELLULOSE CARBOXY

METHYLCELLULOSE

AKW - POLYACRYLAMIDE POLYACRYLIC ACID CMC CARBOXYMETHYL CELLULOSE **CARBOXY**

METHYLCELLULOSE

IW - AQUEOUS FIRE EXTINGUISH SOLUTION CONTAIN CONDENSATION AMMONIUM PHOSPHATE PREFER WATER SOLUBLE POLYMER COLOUR

IKW - AQUEOUS FIRE EXTINGUISH SOLUTION CONTAIN CONDENSATION AMMONIUM PHOSPHATE PREFER WATER SOLUBLE POLYMER COLOUR

NC - 001

OPD - 1980-03-05

ORD - 1981-10-01

PAW - (SAKB) OTSUKA KAGAKU YAKUHIN KK

TI - Aq. fire extinguishing soln. - contains condensed ammonium phosphate and pref. water soluble polymer and/or colourant